

CITY OF RALEIGH

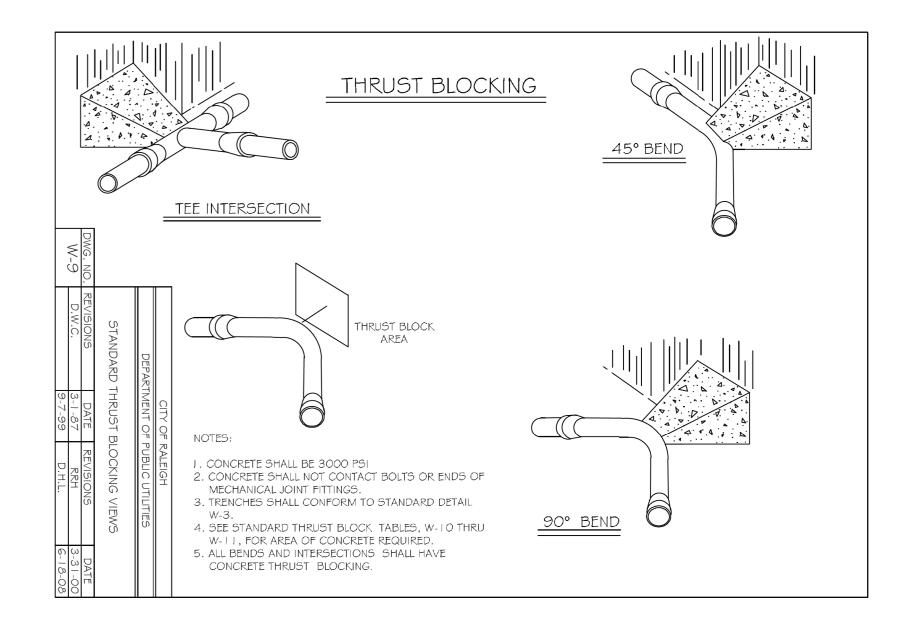
State, and Federal Rules and Regulations.

P.O. BOX 33068 • RALEIGH, N.C. 27636-306

NOTE: ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS.

	PROJECT REF	ERENCE	NU.	SHEET NU.	
	B-5121 /	B-5317		UC-3A	
	DESIGNED BY:	DGB		anninnin.	_
8	DRAWN BY:	JGB		CARO	
	CHECKED BY:	JRP			
	APPROVED BY:	JAR	1111		
	REVISED:			030001	
	NORTH CAROL DEPARTMENT TRANSPORTA	INA OF TION (	— DocuSigne	MCINES 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
	DEPARTMENT TRANSPORTA UTILITIES ENGINEE PHONE: (919)7( FAX: (919)250-	RING SEC. 07-6690- -4151	Jeremy Usb7b111b	KWWWAAK BY4F5CONSTRUCTIO PLANS ONLY	١

UTILITY CONSTRUCTION



F	REACTION				OR HOR			ER PIPE	E BENDS	ò
							7 F .5.1.			
				ALL AREAS G	GIVEN IN SQU	ARE FEET.				
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Size AND Z	5747C 747C 747C 747C 747C 747C 747C 747C	1. 25 M. ST. M.					12 12 12 12 12 12 12 12 12 12 12 12 12 1			
6"		<u></u>	/			$\overline{}$		,		
11 1/4°	1,108	ı	I	ı	ı	ı	ı	2	1	
22 1/2°	2,207	ı	2	2	1	ı	ı	3	1	
45°	4,328	2	3	3	1	1	2	5	1	
90°	7,996	2	4	5	1	ı	2	8	1	
PLUG	5,655	2	3	4	ı	ı	2	6	1	
8"										
11 1/4°	1,970	ı	1	2	- 1	ı	1	2	1	
22 1/2°	3,922	1	2	3	1	ı	1	4	ı	
45°	7,694	2	4	5	1	ı	2	8	1	
90°	14,215	4	8	9	2	2	4	15	2	
PLUG	10,053	3	5	6	2	2	3	10	1	
12"										
11 1/4°	4,433	2	3	3	1	I	2	5	1	
22 I/2°	8,826	3	5	6	2	2	3	9	1	
45°	17,312	5	9	1.1	3	3	5	18	2	
90°	31,983	8	16	19	4	4	8	32	4	
PLUG	22,619	6	12	14	3	3	6	23	3	
16"										
11 1/4°	7,881	2	4	5	ı	1	2	8	1	
22 1/2°	15,691	4	8	10	2	2	4	16	2	
45°	30,779	8	16	19	4	4	8	31	4	
90°	56,861	15	29	35	8	8	15	57	6	
PLUG	40,213	10	21	25	5	5	10	41	5	
DEACTION	DEADING AD	EAG ABE	IN COLLA	<sub>DE</sub> [	•	•	CITYO	DALEIO		
REACTION FEET MEAS		CITY OF RALEIGH  DEPARTMENT OF PUBLIC UTILITIES								
TRENCH SIDE AT AN ANGLE OF 90° TO THE THRUST VECTOR.					THRUST BLOCKING DESIGN					
INKUSI VI	ECTUK.									N
USE 6" - 9	C NO	QUANTITY TABLE  REVISIONS DATE REVISIONS DATE					DATE			
HYDRANTS SAFETY FA	FOR ADDIT	IONAL		<u> </u>	.W.C.	٦	DATE 6-23-99	KEVISI	CNO	DATE
JAILIIIA	1010K.			-10						